

Level 1 Validation Certificate



This document verifies that the Level 1 Validation process was completed. The session details and audit review outcomes are included here.

This certificate is required for submission – alongside the Level 1 validated water audit software file – to the California Department of Water Resources.

Call Date: 9/18/2019

Water Supplier

Supplier Name: Coachella Valley Water District
(Cove System)

Supplier Participants: Fernando Ruelas, Tina Donahue, Terry Vorster, Tim Anderson, Bill Wise, Steve Hernandez, Daniel Colorado, Jesse Aguilar, David Martin, Eric Salazar, Randy Vorster, Yesenia Reynoso, Irene Martinez

Key Audit Metrics

Data Validity Score: 82

ILI: 2.30

Real Loss: 46.24 gal / conn / day

Apparent Loss: 47.05 gal / conn / day

Non-Revenue Water as Percent of Cost of Operating System: 4.9%

Validator

Validator: Isabel Szendrey,
Water Systems Optimization

Validator Qualifications: Water Audit Validator Certificate from
the AWWA California Nevada Section

Certification Statement by Validator

This water loss audit report has been Level 1 validated per the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34.

All recommendations on volume derivation and Data Validity Grades were incorporated into the water audit. ☒

Level 1 Validation – Water Supplier Confirmation

This document confirms participation in and endorsement of the Level 1 Validation as completed.

This acknowledgement is required for submission – alongside your Level 1 validated water audit software file – to the California Department of Water Resources.

Water Supplier Name:

Coachella Valley Water District

Water Supplier Public Water System ID:

CA 3310001

Water Audit Period:

07/2018-6/2019

Water Audit & Water Loss Improvement Steps

Steps taken in the audit period timeframe to increase data source accuracy, reduce real losses, and/or reduce apparent losses, as informed by the water audit.

- Pro-active investigation of accounts with zero consumption through the use of internal reports and a list provided by the consultant WSO.
- Low consumption report and procedures were put in place to capture accounts where a meter is possibly failing to register correctly.
- Implement internal procedures to replace leaking or failed meters within two weeks of report date.
- Pro-active replacement of consumption meters 20+ years.
- Pro-active leak detection surveys.
- Sampled our domestic consumption meter accuracy.
- Source meter testing and calibration.

Certification Statement by Water Supplier Executive:

This water loss audit report meets the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34 and has been prepared in accordance with the method adopted by the American Water Works Association, as contained in their manual, *Water Audits and Loss Control Programs, Manual M36, Fourth Edition* and in the Free Water Audit Software version 5.

Executive Name (print):

J. M. Barrett

Executive Position:

General Manager

Signature:

A handwritten signature in blue ink, appearing to read "J. M. Barrett", is written over a horizontal line.

Date

September 26, 2019